To: Karl, Richard[karl.richard@epa.gov]

Cc: Durno, Mark[durno.mark@epa.gov]; Lyons, John[Lyons.John@epa.gov]; Meer,

Daniel[Meer.Daniel@epa.gov]

From: Manzanilla, Enrique

Sent: Wed 4/6/2016 1:38:00 PM

Subject: Re: Flint and blood lead levels

Thanks Rick! And Mark too! That's what I would have figured. Two follow-up questions:

Can you elaborate on how mdeq is posting the information?

Also, is there a statement that you're using publicly to explain why you're not using blood lead levels in your flint activities?

Sent from my iPhone

On Apr 6, 2016, at 6:57 AM, Karl, Richard < karl.richard@epa.gov > wrote:

Enrique- an initial answer to your Flint question. Should have some information regarding Pilsen as well.

Rick

Sent from my iPhone

Begin forwarded message:

From: "Durno, Mark" < durno.mark@epa.gov>

**Date:** April 6, 2016 at 6:22:35 AM CDT **To:** "Karl, Richard" < <u>karl.richard@epa.gov</u>>

Cc: "Borries, Samuel" < borries.samuel@epa.gov>

Subject: Re: Flint and blood lead levels

Correct. Although, we did order MDEQ to post areas of elevated blood lead concerns.

Sent from my iPhone

On Apr 6, 2016, at 12:22 AM, Karl, Richard < karl.richard@epa.gov > wrote:

Mark- I assume we are not using blood lead levels when determining our activities in Flint. Is that correct?

Sam- are we doing anything in Pilsen driven by blood lead levels?

Sent from my iPhone

## Begin forwarded message:

From: "Manzanilla, Enrique" < Manzanilla. Enrique@epa.gov>

**Date:** April 5, 2016 at 10:16:36 PM CDT **To:** "Karl, Richard" < <u>karl.richard@epa.gov</u>>

Cc: "Lyons, John" <Lyons.John@epa.gov>, "Meer, Daniel"

<Meer.Daniel@epa.gov>

Subject: Flint and blood lead levels

Hello Rick:

Quick question; maybe not so quick an answer.

Cal EPA is dealing with its own larger version of Pilsen. Closed down exide battery recycler near east Los Angeles. Evidence of widespread lead soil contamination in residential areas near facility. EJ issues.

Local public health authorities have been doing blood lead sampling and sharing results at a census tract level with cal EPA. Not sharing individual residential results because of privacy concerns.

Our colleagues would like to know if and how region 5 is integrating blood lead sample results in flint into the overall response. Targeting sampling efforts, outreach, temporary interventions, etc?

Is there a document you all have the describes your protocols and actions with regard to how you are using blood lead levels.

PleAse pass along my request to whomever cAn help me if you don't have this information.

Thank you very much for your help. I'm on travel but reachable

Enrique 415 601 2670 cell

Sent from my iPhone

Begin forwarded message:

 $\textbf{From: "Cope, Grant@EPA"} < \underline{Grant.Cope@calepa.ca.gov} >$ 

**Date:** April 5, 2016 at 2:56:08 PM MDT

To: Enrique Manzanilla < Manzanilla.enrique@Epa.gov>

**Subject: Quick question** 

Hey Enrique,

Do you have time for a quick question following up on our brief discussion last week about how blood lead information is being used in Flint?

Thanks so much,

Grant